

HIGH-PURITY STIBIUM TRIOXIDE PRODUCED BY DIRECT METHOD

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Abstract of **CN1072214**

A high-purity antimony oxide is produced through such technological steps as granulating the antimony-containing material with organic adhesive, calcining the said granules in calciner for volatilizing stibide, oxidizing fume, separation of mechanical impurities, direct recovery of coarse antimony oxide, and purification in ultrasonic stirring drum with ionic exchange water. The recovery rate of antimony is over 97%. The purity and whiteness of obtained antimony oxide may respectively be 99.5% and 87%.

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